Gas Journal

Founded in 1849 as the 'Journal of Gas Lighting'

INDEX
TO
VOL. 308 (October 4 to December 27, 1961)

The General Index for October to December is followed by an extended Classified Index under the following subject headings:

Abstracts from Foreign Pubs.	ii	Institution of Gas Engineers	iii
Area Boards	ii	Junior Gas Associations ..	iii
Authors	ii	Obituary	iii
Book Reviews	ii	Personal	iii-iv
Correspondence	ii	Technical Developments ..	iv
Editorial Comment ..	ii	Trade Notes	iv
Briefly	ii	Trade Publications ..	iv
Gas Council	iii		
Gas Consultative Councils	iii		

WALTER KING, LTD.

11, BOLT COURT, FLEET STREET, LONDON, E.C.4.

GENERAL INDEX

A

Air Pollution Determination, British Standard, 216
Allied Ironfounders Ltd., New Sales Office, 54
Army Gets Warmed Air Heating, 51
Australia, Conversion from Refinery Gas to Town Gas Plant, 84

B

Belfast Disabled, Safety Cookers, 337
Belfast Telegraph Ideal Home Exhibition, Ulstermen See Speed of Gas, 265
British Gas Staff Association Pursues 'Fuel Policy for U.K.' Plea, 160
British Road Tar Association Annual Dinner 224
British Safety Council, Training Courses in Accident Prevention, 16
British Standard, Back Boilers, 152
British Standard for Compressed Air Safety Fittings Revised, 330
British Standard Revised, Domestic Space Heating by Gas Appliances, 425
British Standards Institution, Record Year, 20
British Tar for British Roads, 85
Building Exhibition, The, 298

C

Calor Gas Sales Rise, 56
Cambridge M.S. Plant, 285
Editorial Comment, 284
Career Grades, 188
Cathodic Protection Course Organised, 225
Clean Air Exhibition and Conference, Brighton, Editorial Comment, 38
Colonial Gas Holdings Net Profit, 465
Congress, Association Technique de l'Industrie du Gaz en France, Part I, 457
Cooker Finishes Criticised, Editorial Comment, 448

D

Dairy Show, Demonstrations by Home Service Advisers, 225
Design Centre Going to Leeds, 85

E

Electricity, Annual Results, 19
Esso Petroleum Co. Ltd. Plan to Dredge Shoal, 263

F

Fife, Permit Sought for Smokeless Coal Plant, 434
First Aid Contest, Gas Industry Success—Photo, 54
Flavel & Co. Ltd., Sidney, Net Loss but Confidence for Future, 464
Fuel and Power for Industry Exhibition in 1963, 332
Fuel Economy, Gas of Major Importance, 403
Fuel Sold by Vending Machine, 303

G

Gas Investments of £188 mill. in Last Five Years, 190
Gas Sales and Service Conference, Harrogate, Editorial Comment, 243
'Gaz de France; Statistiques 1960,' Editorial Comment, 182
German Gas Production Developments, 452
Germany, East, Polyethylene Plant?—Photo, 84
Germany, Gas Industry in, 401
Germany, Long Distance Supply, 368
Guest, Keen Iron and Steel Works Place Coke Plant Order with W. J. Jenkins & Co. Ltd., 337

H

Health Conference for Executives, 183
Heating Centre to Open Permanently, 84
Heating, Ventilating and Air Conditioning Exhibition, 46
Heating, Ventilating and Air Conditioning, International Conference, Editorial Comment, 11
Heating, Ventilating and Fuel Efficiency Exhibition Returning to Manchester, 434

I

Imperial Chemical Industries Order Plant from Power Gas Corporation Ltd., 264
Italy, More Natural Gas Discoveries, 20

J

Jenkins & Co. Ltd., W. J., Receives Coke Plant Order from Guest, Keen Iron and Steel Works, 337

L

Liquid Gases, New Process for Storing, 302
Lord Robens Surprised by Minister of Power's Methane Decision, 223
Lurgi Process and Methane, 188

M

Market Harborough, Council Tenants Prefer Gas, 55
Meeting of 33 Women's Organisations, 403
Methane from Sahara—
'Bold Scheme' Says Parliamentary Secretary, 369
Importation Approved by Minister of Power, 223
Minister of Power Emphasises Significance of Scheme, 262
M.P.'s Questions, 302
Minister of Power Presents British Empire Medals—Photo, 83
Modern Homes Exhibition—Photo, 190
McCowan, Alexander, Retirement Presentation to, 57

N

Nalgo, Britain's Seventh Largest Trade Union, 161
National Coal Board, £2.6 mill. 'First-Half' Surplus, 55
National Coal Board, Half-yearly Surplus, Editorial Comment, 72
National Society of Clean Air, Annual Conference, Editorial Comment, 9
Natural Gas Search Widens in Central Scotland, 87
Nife Batteries Cap Lamps Help Gas Rescue Squads, 435
Northern Exhibition of Fuel and Power to be Opened by Minister of Power, 19
Norway Week Helps Gas, 369
Norwegian Design Exhibition, Newcastle-on-Tyne—Photo, 369

P

Pakistan Forms Oil and Gas Corporation, 85
Parkinson Cowan Honours Long Service, 402
Parliament Forecasts Rise in Gas Demand, 263
Pipeline Convention, London, 84
Power-Gas Corporation Ltd. Awarded 100 Gasholder Orders since 1950, 466
Power-Gas Corporation Ltd. Receives Order from Imperial Chemical Industries, 264

R

Reading Plant Built by Power-Gas Corporation, 355
Refrigerator Sales, Editorial Comment, 182
River Tay Pipeline up to Schedule, 83
Roof-Top Boiler Room Uses Gas—Photos, 264
Russians Visit Whitby Natural Gas Station, 87

S

Sahara Gas Blazes, 332
Sighthill, Edinburgh, Goes Smokeless, 56
Simon-Carves Ltd. Holds Safety Talks, 369
Simon Engineering Ltd. Declares Dividend, 336
Site Shotblasting & Painting Co. Ltd., New Company, 466
Smokeless Zones Progress, 56
South Australian Gas Company, Gas Profits and Sales Increase, 56
Sowerby Bridge Urban Council Plan Smoke Control at Low Level, 464
Space Heater Sales Rise, 332
Specialist Engineering Association, 337
State to Urge Fuels to Compete for Consumers' Sake, 303
Strabane Urban Council, Co. Tyrone, Raises Price of Gas, 403
Sugg & Co. Ltd., William—
' Best Ever ' Profits, 302
Profit Rises, 434

T

Tanker Design Will Make Full Use of Shipyard Facilities, 302
Turners Asbestos Cement Co. Ltd., New London Showroom Opened—Photo, 169
Two Methane Ships, Finance Raised in City, 332

W

Wellington Road Railway Station, Dewsbury, Gas Heating Installed, 434
Westfield, Fife, Lurgi Plant, Visit by Women Journalists, 56
Whessoe Ltd., Welding Shop Extensions, 336
Whitby Natural Gas Supply to be Extended, 405
Wilson Gas Meters Ltd., George, Radiant Heating, More Rationalisation, 303
Winchester, Underground Gas Reserve, 83
Winnathoola, Australia, Gas Struck, 20
Women Architects' Success, 76
Women's Gas Federation, Annual Review, 157

CLASSIFIED INDEX

AREA BOARDS

EAST MIDLANDS
Reforming Plant Planned, 337
Team Wins First Aid Trophy—Photo, 338

EASTERN
Cambridge MS Plant Opened by Mayor, 264
Cleanglow Stocks Ready for Winter Demand, 51
Gas Integration Main Crosses Lowestoft Harbour, 465

NORTH EASTERN
Chief Engineer Retires—Photo, 54
Employees' Suggestions Used, 335
Fuel and Power for Industry Exhibition, Use of Gas Shown—Photos, 225

NORTH THAMES
Aintree Princess Water Heater, Advertising Programme, 20
Ilford Showroom Installs Pavement Heaters for Shoppers, 19
Jumbo Locomotive Retires—Photo, 402
Editorial Comment, 386
Power-Gas Corporation to Build Reforming Plant, 262
Wages Grab Foiled, 463

NORTH WESTERN
Appointment Changes, 21
Gasfitting Training Successes, 336
Heavy Demand for Phimax Anticipated, 20
Home Service Advisers Arrange Jazz Evenings, Briefly, 183
Industrial Equipment Exhibition, Briefly, 73
Industrial Equipment on Show, 169
Pensioners, Self-Help Scheme, 190

SCOTTISH
Ayre, New Showroom, 226
Central and Northern Division Use Gas Appliances in Showhouses, 190
Chairman Says Gas is Not Dying, 336
Efficiency Grows from New Workshop, 81
Exhibits in Five Exhibitions in Central and Northern Division Area, 20
Kilsyth Works Become Automatic, 190
' Kiss of Life ' Artificial Respiration Method—Photo, 84
Long Service Awards, 55, 225
Modern Homes Exhibition, Domestic Gas Appliances Display, 55
Paisley Gasholder Catches Fire, 51

SOUTH EASTERN
Apprentice Fitter to Broadcast, 55
Area Training Centre Opened, 86
Automatic Telephone Answering Machines Day and Night, 56
Award for Fitter, 51
Awards Recognise Exemplary Conduct, 405
Domestic Selling Survey, Editorial Comment, 10
Employees' Skill to be Advanced, 86
Frenchmen See Flue System—Photo, 262
Gas Council Heads Visit Various Establishments, 463
Main Laid Under Surrey Docks—Photo, 226

SOUTH WESTERN
Margarine Firm Organises Hostess Courses for Girls, 19

SOUTHERN
Long Service Award, 56
New Central Heating and Warm Air Centre, 404
Reading Plant Built by Power-Gas Corporation, 355
Southampton, New Gasfitting Workshop Opens, 466
Top Apprentices Named, 433

WEST MIDLANDS
New Headquarters Model—Photo, 188
Rescue Competition, a National Event?, 464
Three Divisions Merge, 433
Training Centre Visited, 403

ABSTRACTS

Das Gas-und Wasserfach—Computers in Planning Pipe-Laying, 221
Das Gas-und Wasserfach—Prestressed Parts of a Berlin Gasholder, 221
Das Gas-und Wasserfach—Separation of Tar in Electrostatic Precipitators, 222
Gas—Gas Pipe under a Venice Canal, 222
Gaswärme—Sensitivity of Wall-Mounted Gas Equipment to Wind, 222

AUTHORS

Beale, P. A. A., and Densham, A. B., ' Analysis of Oils for Gas Manufacture,' 427
Benton, W. Eric, ' Young or Old?,' 405
Bone, M. R., ' An Eye to the Future,' 40
Densham, A. B., and Beale, P. A. A., ' Analysis of Oils for Gas Manufacture,' 427
Ellis, Sir Charles, ' Research in the Gas Industry,' 322
Filstead, C. G.—
' Liquefaction, Storage and Transportation of Natural Gas,' 246
Editorial Comment, 245
Gardner, W. F., and Kalushner, I.—
' P.V.C. Pipes for Town Gas,' 388
Editorial Comment, 385
Grindrod, J., ' Dutch Install Central Gas Distributing Plant for Efficient Control,' 432
Howell, W. F. S., ' Wanted—Cheap Gaseous Fuel,' 184
Jarman, Hugh G.—
' Canadian Natural Gas Moves South into United States,' 14
' Mammoth Man-made Cavern for l.p.g. Storage,' 449
' Refinery in Natural Gas Field—The First in Canada,' 256
' Trans-Canada Battles across Quebec to U.S., 74
Johnson, Charles—
' Gas Reservoirs in British Porous Rock Structures,' 363
Editorial Comment, 353
Johnson, W. H.—
' Behind the Historic Occasion,' 424
' Engaging Occasions,' 453
' " Engineer "—A Title Worth Keeping,' 12
' Lowestoft Gas Main,' 227
Kalushner, I., and Gardner, W. F.—
' P.V.C. Pipes for Town Gas,' 388
Editorial Comment, 385
Lane, J. B.—
' Hydrorefining in the Processing of Naphthas and Crude Benzoles,' 294
Editorial Comment, 283
Medhurst, W. E., ' The Organisation and Operation of a Distribution Department,' 217
Roberts, Professor A. L., and Ward, G. P.—
' Modern Analytical Techniques Applied to the Gas Industry,' 426
Editorial Comment, 421
Sherriff, F. Clifton, ' Gas Liquor as a Larvicidal Agent,' 13
Sherwood, Peter W., ' Transportation of Liquefied Natural Gas,' 210
Ward, C. P., and Roberts, Professor A. L.—
' Modern Analytical Techniques Applied to the Gas Industry,' 426
Editorial Comment, 421
Yates, Alan, ' The American Gas Industry 1960,' 78

BOOK REVIEWS

' Absorption, Distillation and Cooling Towers,' by W. S. Norman, 82
' Administrators in Action—Volume I ' by F. M. G. Wilson, 16
' Careers in Fuel ' by Institute of Fuel, 16
' Coal, its Formation and Constitution ' by Wilfred Francis, 297
' Gas Facts,' 331
' Investment in the Community Coalmining and Iron and Steel Industries,' 16
Occupational First Aid Manual, 297

CORRESPONDENCE

Alexander, J. R. W., and G. W. Phillips, ' Appointment Advertised,' 227
Birks, J. Brian W., ' Electrically Insulating Pipe Joints,' 57
Fulton, David, ' Title Change,' 169
Hirst, T. B. V., ' Decimal Coinage,' 467
Napier, J. Watson—
' Scots Name Change,' and Reply, 57
' Scots Name Change,' 227

EDITORIAL COMMENT

Accent on Advertising, 354
Agricultural Load, The, 182
Aquifer in Great Britain, An?, 353
Are New Processes Always Acceptable?, 283
Are Plastic Services Any Nearer?, 385
Cambridge MS Plant, 284
Central Heating Costs, 73
Central Heating on the Continent too, 72
Chance or Design?, 182
Clean Air, 1961, 9
Clean Sweep, A, 38
Conversion Extraordinary, 208
Decade of Technical Progress, A, 39
Divergence by Carbonisation, 209
Do *We* Need a Jinx?, 39
Domestic Survey, A, 38
Encouraging Report, An, 37
Engineering Research Receives Recognition, 181
Exoticism, 11
Extensions for Brooklands, 448
Faulty Finishes, 448
French Gas Industry 1960, The, 182
French Statistics, 10
Gas Production Trends in 1961, 127
Gas Statistics ' Down Under,' 422
Goodbye Mr. Therm?, 10
Governing Class, The, 72
Half-yearly Surplus for the National Coal Board, 72
Hevac Conference, The, 11
Measure of Satisfaction, A, 423
Meeting the Need for Clean Water, 73
Meter Revolution, A, 387
Modern Distribution Network, The, 208
Natural Gas at Kapuni, 423
Natural Gas *Will* Come to Britain, 207
New Spirit at Harrogate, A, 243
Passing of No. 25, The, 386
' Precision for the Mighty,' 316
Refrigerator Sales, 182
Research and Development 1961, 315
Research and the Future, 316
Revolutionary Appliances, 183
South Eastern Survey, 10
Still Far Too Many Accidents, 447
Story Behind the Story, The, 245
Too Much Modesty, 386
Underground Storage, 422
Wales Takes the Cake, 386
What Salesmen Cost Britain, 316
Where the Chemists Come in, 421
Who Buys Central Heating?, 316
Will British and U.S. Practice Converge?, 71
Women's Advice, 317
World Power Papers, 386

BRIEFLY

Advertising Service, 284
Alcohol Ban, 317
Allied Ironfounders, Gas Appliance Division, New Packing Prevents Chipping of Appliances, 317
American Railways to be Kept Ice-Free by Gas, 73

America's Third Gas-Lit Airport, 183
Arbitration Lectures, 39
Badminton Manual by S.E.G.B. Representative, 11
Cakes and Ale, 209
Chinese Restaurateurs Favour Gas, 284
Christmas Lecture, 354
Dame Vera Award, 183
Decimal Coinage Will Mean Alteration of Meters, 387
Engineering Materials and Design Exhibition, 183
Fuel Efficiency Supplement, 39
Gas Appliance Statistics, 284
Gas Clerk Plays Bagpipes, 387
Gas Fire Sales Boom, 39
Gas Industry Christian Fellowship Annual Public Meeting, 284
Gas Industry Has Skeleton in Cupboard, 209
Greetings and Grates, 448
I.G.E. Paintings and Drawing Exhibition, 448
Industrial Supervisors, 39
Jones, Sir Henry, No. 1 Salesman, 354
'Kiss of Life' Respiration, 448
Literature Improvement, 284
Meter Readers See How to Treat Housedogs, 183
Methane Decision, 73
N.W.G.B. Home Service Advisers Arrange Jazz Evenings, 183
N.W.G.B. Industrial Equipment Exhibition, 73
National Coal Board Lessens Delivery Delay, 317
Natural Gas Pipeline, 387
On Their Toes, 73
Ordeal for St. Ives Fitter, 11
Russian Translation of Welding Journal, 11
Salaries Under Fire, 209
Sales Drive, 317
Satisfaction Expressed in Verse, 73
Silent Service, 354
Ulster Gas Industry, Future of, 387
Unusual Postmarks on Meter Reading Cards, 11
W.M.G.B. Requires New Magazine Title, 209
Well-kept Gasworks, 354

GAS CONSULTATIVE COUNCILS

North Eastern, Move to Persuade Leeds Corporation to Install Gas in Flats, 464

GAS COUNCIL

Building Show Stand—Photo, 332
Challenge Trophy Presented to Miss A. Bradford at Harrogate—Photo, 262
Colman, Prentis & Varley Ltd. Will Handle Domestic Advertising, 436
Commercial Managers' Committee Sees Research—Photos, 189
Dransfield, Miss Lydia, Wins House Design Prizes—Photo, 188
Kitchen Design Contest, 433
Methane Import Contracts Signed, 463
Minister of Power Contacts Chairman Concerning Wage Claim, 402
Natural Gas *Will* Come to Britain, Editorial Comment, 207
New Powers Needed to Run Giant Gasworks, 19
'Precision for the Mighty,' Editorial Comment, 316
Public Health Inspectors' Conference—Photo, 55
SE-Duct Flue System Boosted, 225
Editorial Comment, 37
Twelfth Annual Report, 50
Visit Various S.E.G.B. Establishments—Photos, 463

I.G.E.

Annual Review—
Distribution, 141
Finance, 139
Financial, 128
Industrial Relations, 130
Pictures, 134
Plant Development, 143
Result, Report and Recompense, 165
Sales, 137
Sales to Industrial Consumers, 132
Autumn Research Meeting, 27th, 318
Editorial Comment, 315
Highlights of the Year's Activities, 167
London & Southern, Annual General Meeting, 263
Paintings and Drawing Exhibition, Briefly, 448
South Western, Annual General Meeting, 370
Visit to Car House Works, Rotherham, 21
Wales and Monmouthshire, Fuel Policy Discussion at A.G.M., 85

JUNIOR GAS ASSOCIATIONS

LONDON & SOUTHERN
Presidential Address, 49
Visit East Greenwich Works of S.E.G.B., 466
YORKSHIRE
Appointments, 189
Annual Meeting, 337
Work Study, 337

OBITUARY

Andrews, Dr. R. S., 88
Beswick, Wilfred, 338
Brewer, F. G., 162
Briscoe, Professor H. V. A., 23
Caplin, E. S., 266
Dines, W. F., 266
Docking, Arthur, 162
Elliott, A. W., 162
Fisher, J. K., 436
Fletcher, L., 406
Glover, R. B., 162
Hullah, N. W., 88
MacFarlane, Dr. W. A., 162
MacMillan, R. D., 436
Pearson, C. H., 162
Pickthall, Tom, 21, 22
Pyper, F. G., 162
Ritson, F., 266
Smith, Sir Ernest Woodhouse, 162
Stothart, J. D., 266
West, Frank, 162

PERSONAL

Aird, P. D. M., 162
Albans, Councillor W., 370
Alexander, J. R. W., 162
Ansell, R. E., 370
Anson, W. G., 88
Ashworth, S., 304
Baadsgaard, H. C., 191
Badcock, E. H., 436
Bailey, W., 162
Bairstow, R., 266
Baker, R. G., 304
Baker-Carr, C. T., 266
Balfour, C., 191
Balfour, The Earl of, 22
Battersby, T. C., 467
Beard, D. S., 22
Bell, F., 57
Benton-Jones, Lt. Col. P. F., 436
Bertram, D. C., 266
Bird, F. E., 266
Bispham, T., 266
Blundell, L. W., 22, 304, 436
Bowles, C., 370
Braidwood, G. L., 266
Brass, J., 22
Bridges, W. A., 436
Brigden, G. C., 22
Broadbent, R., 406
Bruce, R. N., 304, 436
Bullas, I., 88
Burns, Dr. J., 162
Burchell, D. H. F., 191
Burt, H. W., 227
Butler, D. J., 57
Butler, E. P., 304
Campbell, W. A., 57
Caplin, E. S., 370
Carr, A., 467
Carr, James, 162
Chandler, M., 304
Chapman, N. V., 304
Chaston, Capt. H. M., 88
Clapham, T. W., 162
Clark, R. H. E., 304
Clegg, B. G. H., 57
Cohen, C. M., 191
Collinge, A. K., 21
Cossins, Mrs. M. E., 57
Cox, C. P. N., 266
Craven, F., 304
Creak, J., 304
Crow, F. B., 467
Cunliffe, G., 22
Currier, G. E., 162
Davies, A. H., 304
Davies, L., 338
Dawson, F. S., 88
Dawson, P., 436
de Gruchy, R. T., 266
Diamond, G. le B., 162
Dickinson, Dr. E. J., 22
Doran, J. F., 266
Durrant, Councillor R. S., 191
Edwards, S. H., 266
Egan, P. C., 266
Elkerton, W. H., 57
Elliott, Dr. M. A., 88
Elsbury, E. B. H., 370
Farthing, Alderman W. W., 467
Feilden, G. B. R., 304
Foulis, D. H., 88
Fox, Councillor F., 191
Gadd, J., 57
Gardner, C. S., 406
Garnett, J., 191
George, J. C., 162
Gibson, Councillor T., 57
Goldsmith, Capt. J. J., 88
Goldthorpe, A., 436
Gould, K. B., 436
Grant, A. F., 266
Gray, Dr. J. A., 191
Greaves, R., 191
Green, P. N., 370
Gregory, M., 266
Guard, O. R., 370
Haggett, D. G., 406
Hall, R. L., 266
Hanson, Councillor A., 57
Harden, Leslie, 406
Hardy, T. G., 370
Harris, E. S., 22
Harrison, Councillor Lt. Cmdr. D., 467
Harvey, Frank, 370
Hayter, Alderman D. E., 467
Haywood, L. O. V., 436
Hazell, E. Quinton, 191
Helliwell, G. H., 467
Henshaw, A. J. M., 191
Hetherington, A. F., 162
Holland, J., 467
Hollingdale, R. A. W., 304
Holmes, F. Brian, 191, 227
Holtby, J., 162
Hopton, G. U., 162
Howell, W. F. S., 304
Hubbard, W. S., 162
Huffam, R. E., 22
Hughes, E. N., 88
Hullah, N. W., 266
Hutchison, W. K., 436
Huxtable, R. G., 162
Hyde, W., 162
Ingram, L. P., 162
Ingram, R. C., 467
Jackson, T. W., 162
Johnson, R. S., 162
Johnston, A. A., 467
Johnston, H., 22
Jones, A. C., 338
Jones, J., 22
Jones, T. Mervyn, 162
Junkison, N. R., 22
Kay, H., 304
Kaye, J. W., 406
Kemp, B., 338
King, George, 21
Lane, R. W. G., 22
Lawrence, H. M., 467
Leach, C. H., 162
Lewis, C. A., 266
Lewis, D. C. H. B., 22
Lilley, Frank, 162
Linden, Dr. H. R., 88
Lord, C., 436
Mann, W. C., 436
Marshall, T. A., 436
May, G. L., 162
McInnes, C., 304
Melvin, D. D., 162
Miller, Arthur, 21
Milne-Watson, M., 162
Morland, A. H., 162
Morley, Councillor C. W., 370
Newling, W. B. S., 162
Newton, Alderman C. M., 370
Norton, Alderman G. B., 370
Oatley, A. F., 162
Oliver, G. F., 162
Otten, J. C. M., 57
Owen, R. S., 338
Owen, Sir Leonard, 22
Owens, Councillor W. J., 370
Page, C. W., 304
Palmer, G. H., 162
Parkinson, D. B., 467
Paterson, G., 88
Paterson, W. M., 191
Penston, A. J., 227
Peterson, A. A., 467
Pettit, C. G., 370
Pfeil, Dr. L., 22
Pickthall, T. W., 304
Pinson, S., 21
Potter, S., 436
Probin, H. A., 304
Pursey, H. A., 22
Rabbitt, Councillor R., 88
Richbell, P. P., 162
Roberts, G. F. I., 266
Robertshaw, G. W., 436
Robin, A., 57
Robinson, Councillor Mrs. M. I., 88
Rodgers, J. W., 304
Rose, L., 370
Samson, A., 88
Samuels, J., 436
Seward, R. H., 406

Smettem, Colin W., 21
Smith, A. J. R., 191
Smith, C., 436
Smith, J. H., 162
Spranklin, D. H., 22
Squire, G., 436
Stammers, F. P. S., 266
Stead, R. E., 21
Steed, W. J., 266
Stevens, P. J., 338
Stewart-Smith, E. K., 467
Stone, B. I., 338
Stott, V., 338
Sutton, Lillian, 406
Tapper, M. H., 406
Thomas, E. W., 338
Thomas, H. H., 436
Tompkins, F., 191
Tweddell, T. C., 266
Upjohn, H., 304
Van den Bergh, J. P., 370
Wadsworth, John, 21
Ward, James, 370
Waring, F. L., 370
Warne, G. G., 57
Warner, J. W., 88
Welman, D. P., 162
Whiting, Richard, 467

TECHNICAL DEVELOPMENTS

Chamberlain Industries, Ltd., Small-bore Tube Bender, 260
Consolidated Pneumatic Tool Co. Ltd., Heavy-duty Compressors, 461
Dallow Lambert & Co. Ltd., Automatic Filter, 261
Ether Ltd., New Control Valve, 398
Honeywell Controls Ltd., New Telemetry System, 462
Hughes & Co. Ltd., F. A., Cathodic Protection, 462
Macpherson & Co. Ltd., Copolymer Emulsion Paint, 398
Nu-Swift, Ltd., Fire Extinguishers, 461
Parkinson Cowan Gas Meters, Dry Lubricated Domestic Gas Meters, 397
Pee-Cee Engineering Supplies Ltd., Portable Cut-off Machine, 462
Perrett Control Company, Ltd., The, New Globe Valve, 261
Steels Engineering Products Ltd., New Mobile Crane, 260
Tipton Tub & Tube Co. Ltd., Grit Arrester, 397
U.G.I. (Meters) Ltd., One-Pipe Meter, 461
Walker Crossweller & Co. Ltd., Ball Flow Indicator, 462
Witton Electronics Ltd., Pin-Hole Detector, 461

TRADE NOTES

A.P.V. Co. Ltd., The, 88
A.P.V.-Paramount Ltd., 88
Aerograph-De Vilbiss Co. Ltd., The, 304
Ambuco Ltd., 304
Bells Asbestos and Engineering Holdings Ltd., 266
Blackman Ltd., Keith, 88
British Oxygen Co. Ltd., The, 22, 88
Cambridge-C.G.S.-S.p.A., 266
Cambridge Instrument Co. Ltd., 266, 370
Cannon (Holdings) Ltd., 436
Chamberlain Plant Ltd., 304
Colonial Gas Association Ltd., The, 467
Coppus Engineering Corporation, 304
Dempster & Sons Ltd., Robert, 467
Elliott Brothers (London) Ltd., 304
Fielden Electronics Ltd., 436
Flexibox Ltd., 338
Goodyear Tyre and Rubber Co. (Gt. Britain) Ltd., The, 181
Hagan Controls Ltd., 266
Head Wrightson Processes Ltd., 22
Heyes & Co. Ltd., 22
Honeywell Controls Ltd., 370
Incandescent Heat Co. Ltd., The, 88
Instrumenti di Misura C.G.S., S.p.A., 266
Kent Ltd., George, 436
Lincoln Furnaces Ltd., 266
Matthews and Yates Ltd., 191
Meller Ltd., George, 304
Metal and Pipeline Endurance Ltd., 338, 370
Metropolitan Leather Company Ltd., 338
Minerva Detector Co. Ltd., 436
Moorwood-Vulcan Co. Ltd., 88
Murex Welding Processes Ltd., 338
Newmark Instruments Ltd., 191
Nife Batteries, 22
Optoshield Ltd., 22
Oxley Engineering Co. Ltd., 370
Parkinson Cowan International Ltd., 467
Parkinson Cowan Ltd., 88
Plastic Pipe Manufacturers' Society, 266
Plenty & Son Ltd., 467
Plessey Company Ltd., The, 22
Potterton Ltd., Thomas, 406
Powell Duffryn Heating Ltd., 436
Pyrene-Panorama Ltd., 266
Radiation Ltd., 436
Rawlplug Co. Ltd., The, 304
Singlehurst Engineering Ltd., 22
Stewarts and Lloyds Ltd., 304
Sykes Ltd., Henry, 191
Turner and Newall Ltd., 370
Vickers Ltd., 467
Watts Metal Industries Ltd., 22
Whessoe Ltd., 406
Wiggin & Co. Ltd., Henry, 191
Woodall-Duckham Construction Co. Ltd., 406

TRADE PUBLICATIONS

Audco Ltd., 398
Elga Products Ltd., 398
Glovers (Chemicals) Ltd., 398
Head Wrightson & Co. Ltd., 261
Holmes & Co. Ltd., W. C., 261
International Combustion Products Ltd., 398
Kent Ltd., George, 398
Optoshield Ltd., 398
Parkinson Cowan Gas Meters, 398
Standard Telephones and Cables Ltd., 398

GAS IN INDUSTRY

AC-Delco, Eric Ford, 238
AEI-Hotpoint Supplied by Parkinson Cowan Industrial Products Ltd. with Radiant Heat Stoving Equipment, 39
Albion Motors Ltd., Scotstoun, Order Carburising Plant from British Furnaces Ltd., 118
Allen Sons & Co. Ltd.,W. H., Eric Ford, 130
B.E.A. Cooks by Gas, 179
Bananas Ripened by Gas, 177
Birmingham Jewellery Centre, Eric Ford, 170
Bratt Colbran Radiant Heat Unit, 46
Britannia Iron & Steel Works Ltd., Eric Ford, 8
Burnham & Co. (Onyx) Ltd., Gas Helps to Make Enamelled Signs, 199
Chemical Laboratory Apparatus Exhibition, 93
Chicken Singeing, 38
Controlled Heat and Air Ltd. Issue New Bulletin, 268
Cross Lighting, 70
Danfoss E.R. Electronic Flame Failure Device 93
Danfoss G.S. 20 Thermoelectric Flame Failure Device, 93
Davis, K. and Walker, L.—
' Gas-fired Multi-passage Kilns ', 86
Part II, 139
Discussion, 139
Editorial Comment, 81
Dowson & Mason Ltd. Supply Gas-fired Furnace for Whessoe Ltd., 264
Eccleshare, K. G., and Hirst, C. H., ' Gas Keeps Them Flying,' Editorial Comment, 18
Editorial Comment—
Background to Development, 7
Changing the Face of Britain, 259
Gas Helps to Build Locos, 33
Gas and the Motor Car Trade, 57
Gas in the Potteries, 81
Gas Bakes Our Daily Bread, 151
Gas in the Jewellery Trade, 169
Handbook for Industrialists, A, 105
Industrial ' Packaged ' Burners, 191
More Applications in the Foundry, 211
Radiant Heat Revolution, 129
Two Exhibitions in the North, 236
Ether Ltd., New Range of Flame Controllers, 97
Explosion Reliefs, 70
Flame Trap Development, 69
Flamemaster Burner Control, 70
Ford, Eric—
' AC-Delco Give Gas a Big Plug,' 239
' W. H. Allen Find " Gas is a Big Help"',' 130
' Birmingham Jewellery Centre,' 170
' Britannia's Rule—Buy Gas,' 8
' Car Part Makers Use Gas,' 40
' Forklift Trucks for Industry,' 82
' Gas Helps Skefco Ball Bearing Co. Ltd.,' 212
' Office Equipment Ouput Expands—and Gas Helps,' 62
' The Rover Watchword is " Quality"',' 106
' Wonderloaf Bakeries Use Gas,' 152
Foundry Melting Process Developed, 136
Fuel and Power for Industry Exhibition, 248
Gas Helps the Modern Architect, 266
Gas Makes Loco Springs at Crewe, 264
Gastronome—
' Kitchen Equipment Costs,' 156
' Should You Scrap That Fryer?' 180
' The Tea Break,' 94
Gilbert (Industrial) Ltd., G. & R., New Ovens for Stoving and Drying, 69
Glass Fusing, 70
Hardy Spicer Ltd., Eric Ford, 40
Heat and Air Systems Ltd., Air Heater, 45
Heenan & Froude Ltd., Worcester, Kitchen Equipped With Gas, 224
Hirst, C. H., and Eccleshare, K. G., ' Gas Keeps Them Flying,' Editorial Comment, 18
Holmes, George, ' Heating Manchester Airport Extension,' 58
Holmes, G., and Rhodes, K. G.—
' Gas for Drying and Pre-Heating Foundry Ladles,' 220
Editorial Comment, 211
Honeywell Controls Ltd.—
Continuous Check Flame Safeguard, 161
Engine Safety Control, 13
New Compact Gas Controls, 85
Temperature Controller, 22
Thermocouple Materials, 22
Ultra-Vision Flame Detector Price Cut, 200
Incandescent Heat Co. Ltd.—
Build Nitrogen and Hydrogen Plants for Metallurgical Processes, 161
New Leaflet on Radiant-Jet Furnaces, 17
Industrial Equipment Exhibition, Manchester, 244
Jeavons Safety Valve, 46
Jennings, A. C., & Waite, W. C., ' Town Gas in the Manufacture of Tubes,' Part I, 260
Lansing Bagnall Ltd., Eric Ford, 82
Leicester University, Percy Gee Building, Kitchen Apparatus Supplied by Radiation Catering Equipment Ltd., 96
Modern Furnaces Which Burn Town Gas, 117
Morphy Richards Ltd., ' Oxycat ' Unit, 70
North Thames Gas Board Develops Connector Sockets, 95
North Thames Gas Board, Long Service Awards, 118
Northern Gas Board, Tyneside, Overhead Radiant Heating for Tools Firm, 226
Norwood Steel Equipment Ltd., Eric Ford, 62
Parkinson Cowan Industrial Products Ltd.—
Automatic Finishing Plant for John Bruce Engineers Ltd., 13
Issue Infra-red Oven Brochure, 269
Supplies AEI-Hotpoint with Radiant Heat Stoving Equipment, 39
Supply Infra-red Oven to Edward Curran Engineering Ltd., 200
Parkinson, Margaret, ' Streamlined Catering at Morris Motors,' 160
Periotronic Flame Protection, 46
Platon Ltd., G. A., Flostat Range Extended, 95
Podmore & Sons Ltd., W., Glaze Frits, 93
Potteries Success Story, 201
Rackhams (Harrods) Ltd. Uses Gas, 68
Radiovisor Electronic Flame Failure Device, 67
Rhodes, K. G., and Holmes, G.—
' Gas for Drying and Pre-Heating Foundry Ladles,' 220
Editorial Comment, 211
Riley, A.—
' Gas—on the Right Lines,' 34
Editorial Comment, 33
Robertshaw, G. W.—
' Development of " Packaged " Gas Burner Equipment,' 192
Editorial Comment, 191
Rover Company Ltd., Eric Ford, 106
Rowe & Son, Ltd., Tube-firing Immersion Heater Gas Burner, 225
Scottish Gas Board Closes Carluke Works, 118
Skefco Ball Bearing Co. Ltd., Eric Ford, 212
Small Incinerators, 46
Spring Grove Laundries Ltd., Gas-Fired Tumbler Drier—Photo, 140
Stretton, J. A. W., ' The Development of Industrial Gas Sales in North Wales,' 14
Submarine Flexible Natural Gas Pipeline, 141
Teddington Pressure Switch, 46
U.S.S.R. Gas Production Statistics, 181
Vaporette Steam Boiler Tests, 85
Vitreous Enamelling, 70
Waite, W. C., and Jennings, A. C., ' Town Gas in the Manufacture of Tubes,' Part I, 260
Walker, L. and Davis, K.—
' Gas-fired Multi-passage Kilns,' 86
Part II, 113
Discussion, 139
West Midlands Gas Board, Gas and Motor Car Trade, Editorial Comment, 57
Westfield, Lurgi, Plant Affects Gas Lamps, 118
Whessoe Ltd. Have Huge Gas-Fired Furnace for Darlington Works Supplied by Dowson & Mason Ltd., 264
White City Stadium, Gas-fired Heating and Ventilation, 162
Wire Drawers (Midlands) Ltd., Solve Problem of Lift-off Furnaces in Limited Headroom, 178
Wonder Baking Co. Ltd., Eric Ford, 152